

ATTORNEY DOCKET NO.  
TI-37080 (032350.B576)

PATENT APPLICATION

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TRANSMITTAL FOR U.S. PATENT APPLICATION  
UNDER 37 CFR §1.53(b)

MAIL STOP: PATENT APPLICATION  
Commissioner For Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Attorney Docket No. TI-37080 (032350.B576)  
Express Mail Certificate No. EV 323451015 US

**This Application claims the benefit, under 35 U.S.C. § 119(e), of U.S. Provisional Application No. 60/486,663, filed July 11, 2003.**

Sir:

Transmitted herewith for filing is the original patent application of:

Inventors: Kendall S. Wills et al.

Filing Date: December 31, 2003

For: *Wavelet Analysis of Signals to Determine Characteristics of Anomalies in a Wire*

Enclosed are:

X  Specification, Claims and Abstract (20 pages);

X  Drawing(s)  1  Total Sheet(s) of  X  Formal   Informal;

X  Combined Declaration and Power of Attorney (1 page)  
 X  Newly executed (original or copy);

X  An Assignment (1 page) of the invention to Texas Instruments Incorporated is attached. A separate cover sheet (2 pages) in compliance with 37 C.F.R. §§ 3.28, .31 is included. Please charge the assignment recordal fee of \$40.00 pursuant to 37 C.F.R. § 1.21(h) to Deposit Account No. 20-0668 of Texas Instruments Incorporated;

X  Certificate of Mailing (1 Page);

X  Texas Instruments Incorporated Return Receipt Postcard (1);

X  Baker Botts L.L.P. Return Receipt Postcard (1);

X  This Transmittal (2 pages).

Applicant is:

☒ Large Entity☐ Small Entity

The accompanying application is:

☒ Original.☐ Continuation ☐ Divisional ☐ Continuation-In-Part (CIP) of prior application No. \_\_\_\_\_ which is hereby incorporated by reference therein.

FEE CALCULATION					FEE
	Number		Number Extra	Rate	Basic Fee \$ 770.00
Total Claims	20	- 20	0	X \$18.00 =	00.00
Independent Claims	5	-3	2	X \$86.00 =	172.00
TOTAL FILING FEE =					\$ 942.00

☒ Please charge the filing fee of **\$942.00** and any other fee required by this paper and credit any overpayment to Deposit Account No. 20-0668 of TEXAS INSTRUMENTS INCORPORATED. **This document is being transmitted in duplicate.**

BAKER BOTTS L.L.P.  
Attorneys for Applicant



Christopher W. Kennerly  
Registration No. 40,675

Date: December 31, 2003

Correspondence Address:

☒ Customer Number**23494**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: Kendall S. Wills et al.  
Filing Date: December 31, 2003  
Title: *Wavelet Analysis of Signals to Determine Characteristics of  
Anomalies in a Wire*

**Mail Stop: Patent Application**  
Commissioner For Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Dear Sir:

**CERTIFICATE OF MAILING BY EXPRESS MAIL**

I hereby certify that the attached Filing Fee Transmittal (2 pages), Patent Application (20 pages), Formal Drawings (1 sheet), Declaration and Power of Attorney (1 page), Assignment of the inventors to TEXAS INSTRUMENTS INCORPORATED (1 page), separate Assignment Recordation coversheet (2 pages) incorporated return receipt postcard (1 card), and this Certificate of Mailing are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on this 31st day of December, 2003 and is addressed to the Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

  
\_\_\_\_\_  
Willie Jiles

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